

### PROPER CARE OF DUCKLINGS

Men Should Be Confined Until Youngsters Reach Age When They Can Be Left Unbrooded at Night.

If ducklings are to be raised with hens, it is necessary to confine the hen until the ducklings have reached an age when they can safely be left unbrooded at night. In a very few days the ducklings will wean themselves by refusing to follow the old hen's persuasive clucks; at first she follows them, but soon, growing weary of this, she takes up with the flock, and the ducklings become stunted from lack of brooding at night. Have a roomy, bottomless coop, with a good roof, covered with a broad mesh poultry netting or slatted in front. Move the coop to fresh grass each day. The wire front should come clear to, or very near the ground, as the ducks are apt to sprain their legs in climbing over a board to get in the coop.

When the ducklings are old enough to be weaned, try and get them to take up with the older ducks.

Give green food and sand every day after the first. A sod of grass in front of the coop—if that is on plowed ground—will afford them much pleasure and lettuce is their delight. Chopped onion tops, dandelions or lettuce may be mixed with the food.

Water should always be beside them in a cup too small for them to get in, but deep enough to cover the holes in the beak, as these are their breathing places, and if clogged, death will result. A duck will take a bite of food, and run to the water.

A breeder complained that his ducks were dying. Inquiry showed that the ducks had absolutely no shelter from the sun, and, of course, they died. If ducklings are kept clean, dry and well fed, there is very little loss among them. Rats are the worst enemy they have to deal with, as an old duck loves a tender duckling, better even than chicken.

### BROWN LEGHORN IS FAVORED

Fowl Is Exceedingly Handsome, Bright, Active, Quick-Growing and Early to Come Into Profit.

I like Brown Leghorns and keep them exclusively, because I take an especial pride and delight in the number of eggs I can get, and while I am about it I want to get as many as there are to be had, finding that it pays to raise eggs for the market.



Brown Leghorn Cockerel.

says a writer in Baltimore American. Because the up-to-date Brown Leghorn is exceedingly handsome, is bright, active, quick-growing and early to come into profit. And a breed so popular that to win a genuine honor, for it was won in competition, it takes good stuff to do it.



Clean up the poultry yard. Sow a patch of cowpeas near the poultry yard.

It is a mistake to try to keep more than one variety of chickens.

If the hens lay soft-shelled eggs, it is a sign they need some lime and green food.

Always save the young ducks that make the best growth for next season's breeders.

Select the breeders carefully from the best matured fowls and those that lay most freely.

When only a few fowls are to be sold, the house market is usually the most satisfactory.

The hens that are laying freely need an abundance of good, clean water at all times.

A warm, dry board floor that can be easily cleaned is the right place to keep the chicks.

Kerosene is a great disinfectant to be used in the roosts and nests. It is cheap and effective.

Milk is a splendid feed to force young chicks or stimulate hens to greater egg production.

Hens for incubation should be of a quiet disposition and on friendly terms with their keeper.

Late chicks should always have a shady place away from the older ones and at some distance from the fowls.

If the old tom turkeys are cross and seem inclined to attack the young ones, the former should be placed in yards.

Keep the drinking vessels in the shade these hot days. Even then it will be necessary to renew the supply of water often.

Do not try to force nature. In fitting young fowls for the market give the chicks proper food, freedom from lice and nature will do the rest.

### USEFUL LOW-WHEEL WAGON

Has Been Found Practically Indispensable for Various Jobs Around Farm Every Day in Year.

Every farmer knows that there are numberless small jobs about the place that require the use of a wagon where the bed will be close to the ground so as to make the lift as short as possible.

That need has been met with the low-wheel wagon and has made it practically indispensable for gathering apples, and hauling basket fruit, fodder, manure, hay and grain, clearing the fields of stones and stumps and carrying tools and timber for fixing up fences, or any odd job, say, like hauling away a fallen tree.

Then there is nothing that fills the bill better for all kinds of work in the corn fields. There is no earthly reason why a man should lift the corn as high as his shoulder when the low wagon will permit him to perform the



Low Broad-Tired Wagon.

labor in the same amount of time, to say nothing of the wear and tear on a man's back and body.

Almost every year a farmer buys some implement that he can use only during one season of the year—perhaps only a few days; but the low wheel wagon is something that he can use every day in the year.

The broad tires make the draft lighter, and that means saving the team. Of course for certain kinds of road use there will always be a demand for the narrow tire wheels, but on a smooth surface and particularly where the ground is soft the pull on the team is decreased 25 per cent to 50 per cent for the simple reason that the broad tires do not sink into the ground; the wider bearing surface of the tire distributes the load in such a manner as to buoy the wagon up and keep it on top of the ground.

Especially on plowed ground or very muddy roads these wheels do not mire like the ordinary wheels, which, of course, make the saving on the horses even greater.

### FRUIT TURNED INTO METAL

Scientist Has Secret Process By Which Flowers and Fruit Are Converted Into Solid Mass.

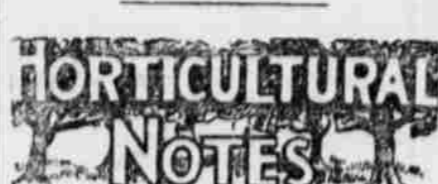
By means of a secret process, Prof. L. G. Delamotte, a European scientist is said to convert flowers, fruit and



Grapes Turned Into Metal.

even animal tissue into metal, says Popular Mechanics. He does not deposit a thin layer of metal upon the surface, as in electroplating, but is said actually to transmute the life-giving material into dead metal.

The bunch of grapes shown in the illustration was so converted, the grapes and leaves having all their natural tints in the metal. The treatment is accomplished by an electrical agency.



### HORTICULTURAL NOTES

It is good practice to graft plums on peach stock.

A spraying of the currant and other small fruit bushes will help.

Fruit should never be offered for sale that is exposed to flies.

An orchard neglected for one year virtually puts it back three years.

If the rabbits have gnawed only the outer bark, wrap the wound with cloth.

If your orchard produces poor fruit you may be sure there is a reason and you ought to find it.

Grape vines make a beautiful arbor, and if properly taken care of will pay their way every year in fruit.

Do not be stingy of water for the plants. Soak them plenty once or twice a week, and don't dribble once a day.

It is a great mistake to pick out the poorest soil on the place on which to plant the orchard. The best is none too good.

If a man sells fruit of which he is ashamed then he should throw away his stenel and conceal all evidence of his ownership.

The flowers will require close attention now to keep them tidy. Pick off all the seed pods and dead leaves and keep after the weeds.

Lemon and orange growers have learned that it is best to wash and wipe them before packing to prevent the spread of rot fungi.

The reason fruit trees planted in fence corners and out of the way places do not thrive generally may be found in the fact that they are not cultivated.

### FARM AND ROAD IMPROVEMENT



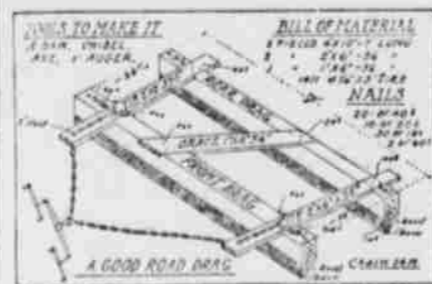
### LOG DRAG IS VERY USEFUL

Greatest Invention of the Age and Has Great Value in Its Power to Move Dirt on Roads.

The log drag, simple as it is, is the greatest invention of the age, counting the amount of good that can be done with it at so small a cost. Probably the next best tool to the drag for dirt roads is the common field harrow.

The great value of the road drag, especially the one with a cutting blade, is in its power of moving dirt and grading as well as surfacing and compacting the road. Either with dry dirt or with mud, two teams to a good drag can push more dirt to the center of a road than can possibly be done with any other tool. When once graded a perfect road grade can easily be maintained with the use of the drag.

Keeping country earth roads in good shape with native material at hand can be done with little time and expense with proper active public sentiment.



Details of Log Drag.

ment. It has been demonstrated in some sections that all the roads of a township can be dragged within three hours' time. The farmers are called up by telephone and all turn out at one time, soon making an end of the job.

There are now hundreds of communities where all of the farmers turn out en masse to harrow and drag the roads without any direct money compensation. In some places they are allowed 50 cents a mile for the work. It is easy to stimulate active interest in the good roads cause in almost any rural community. When the people once become interested in the work and have seen actual results, community organization is found and good roads are always the result.

### COLLIE PUP IS VERY USEFUL

Full-Blooded Scotch Canine Does Most of Small Chores for Ohio Man—Afraid of Thunder.

A full-blooded Scotch collie puppy belonging to C. M. Everingham of Ohio does most of the small chores about the place. It carries in the stove wood, one stick at a time, carries the milk pails to the stable and the slop buckets back to the house after they have been emptied. He carries a small dinner bucketful of water to his master when working at the far end of the farm. He saves many steps by carrying notes from the house to the field and bringing back the written replies. He never fails to deliver any object given to him to the person



A Very Useful Pet.

named as the one to receive it. He meets the mail carrier with letters to mail and receives the mail for his master, and is afraid of nothing but a thunder storm.

### INCREASE OF HEMP CULTURE

All Fiber Produced in This Country Is Used in American Mills—Good Market for More.

The blue grass regions of Kentucky, in the center of which lies Lexington, raises about twenty thousand acres of flax from which hemp is procured.

The acreage devoted to hemp in other parts of the United States is very small—perhaps six hundred acres around Lincoln, Neb., and an equal number in the lower Sacramento valley, California, with small experimental plantings in Indiana, Pennsylvania, Wisconsin, Michigan, Minnesota, Iowa and Arkansas.

All the hemp fiber produced in this country is used in the American mills, and, as increasing quantities are being imported a market for a larger production is offered.

### LUMBERTON.

August 21, 1911.

S. R. Roads and family arrived here Saturday from Texas. Mr. Roads moved out there last February, but says he likes Ohio the best.

H. L. Miller and wife spent a part of last week at Wilmington.

W. E. Borden contemplates taking a shooting gallery around to the fairs. Wm. Tracy came home Sunday from Wilmington to spend a few days with friends here and in Hillsboro.

Miss Essie Vance spent Sunday with friends at Danville.

### PROSPECT CROSSING.

August 21, 1911.

Miss Dora Ream wishes to express her thanks to the friends that so kindly remembered her on her birthday with 35 post cards and other presents. Also to the parties who came with well filled baskets and spent the day with her. May she have many more as pleasant birthdays.

Lewis Creed, of Cincinnati, was the guest of his sister, Mrs. Jane Patton, last week.

Mrs. Bertie Mercer visited her sister, Mrs. Nettie Chaney, Sunday.

Mrs. Ethel Chaney is spending a few weeks with friends near Union Chapel.

Mr. and Mrs. Tice, of near New Market, visited Jesse McConaughy and family, Sunday.

W. M. Brehm and family will move this week to the Evans farm near Hillsboro. Mr. Brehm having sold his property here.

G. C. Puckett will move into the property vacated by Mr. Brehm.

Mrs. Pearce and children, who have been visiting her brother, Bert Roberts, and wife returned to her home near Springfield, Saturday.

School will commence here September 4, with Harry Shannon and Albert Fling, as teachers.

### BARRETT.

August 21, 1911.

LeRoy Milburn and sister, Luverne, of Belfast, spent last Saturday and Sunday with their aunt, Mrs. Hester Holt.

Mr. and Mrs. Sam Cowgill, of Indiana, are spending a few days with J. B. Cowgill and wife.

Mrs. William Davidson and children were guests of friends at Harlett, last week.

J. L. Montgomery and family spent Sunday at the home of William Rowe.

Mrs. William Davidson and children were guests of Mrs. Hester Holt, Friday.

Joe Morrow, wife and daughter, Lettie Lee, spent Sunday at the home of W. W. Wolf.

Miss Lizzie Bussie spent Sunday with Miss Helen Overman.

Frank Shoemaker and family were entertained Sunday at the home of Tom Duff, at Rocky Springs.

Joe Karnes and wife, of Omaha, Neb., and Frank Karnes and wife, of Illinois, who have been spending a few weeks here, will return home the first of the week.

Mrs. William Walker spent last Saturday with Mrs. Hester Holt.

J. S. Lovett and wife spent Sunday with S. M. Wheaton and family, near Greenfield.

Mrs. Frank Muddock and daughter, Rubie, of New Petersburg, were the guests of her parents, Mr. and Mrs. Clemence, Sunday.

Mrs. Sallie Anderson, of Springfield, visited at the home of S. J. Ross, Sunday.

Mr. and Mrs. J. B. Cowgill attended the Yearly Meeting at Wilmington, Sunday.

Levi Mercer and family, of Council Bluffs, Iowa, who have been visiting the former's parents, Mr. and Mrs. Abraham Mercer, returned home Monday.

### PULSE.

August 21, 1911.

Ed Rhodes and wife, Lew Allen and wife and son, Delbert, were guests of C. M. Rhodes and family Sunday.

Jesse and Sallie Brown attended Chautauqua at Hillsboro Sunday and were guests of Curt Walker and family.

Misses Blanche Hughes, Mary Duval and Nettie Barker were guests of Lena Dagg Sunday afternoon.

Mrs. Duckworth and daughter, Lucy, returned to their home in Cynthiana, Ky., Monday, after several days visit here.

Marion Whitley and family spent Sunday with D. A. Pulliam and wife, near Pricetown.

Wert King and wife and son, Orval of Farmer's Station, were guests of Mrs. King's parents, T. J. Stodel and wife, Saturday.

Sam Brown and family, of Mt. Orab, were guests of Clint Roush and family Friday evening.

Mrs. Sue Miller and Mrs. Stewart, of Westboro, were guests of Mary C. Duval Wednesday and Thursday.

Nathan Aber and wife and daughter, Sylvia, were guests of John Aber and wife Sunday.

### JULIUS C. KOCH

WHOLESALE AND RETAIL DEALER IN

### ICE

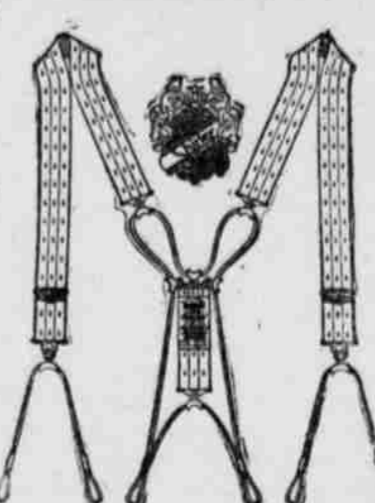
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Light, Medium or Extra Heavy Weights—Extra Lengths for Tall Men. Price 50 Cents from your local dealer or by mail from the factory.

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### SHACKELTON.

August 21, 1911.

Mrs. Clara Lemon and daughter, Leone, of Oxford, are spending a few days with relatives and friends in this vicinity.

Miss Rose Trop spent from Saturday until Monday in Hillsboro.

Ed. Chaney and wife took dinner with Albert Pence and wife, of Pleasant Hill, Sunday.

Duck Brown and family were the guests of Henry Purdy and wife Sunday.

Austin Robinson is spending two weeks with relatives in Kansas.

Frank Orebaugh and family entertained Ira Reakey and wife, of Dodsonville, Sunday.

Born to Andy Frost and wife, Aug. 14, a boy.

Mrs. Chas. Trop and daughter, Rose, and Chas. Jonte spent one day last week with relatives at Russell.

Dr. Christman, of Dayton, and Brother Engle were entertained at the home of General Pence Sunday evening.

The foundation has already been laid for the new house of P. W. Charles and the carpenters expect to begin work on it Tuesday.

Aunt Mahala McKee is able to sit up.

Everybody is invited to attend Children's services next Sunday evening, Aug. 27.

Miss Rose Moriarty of Elyria, O., is deputy city treasurer, deputy city auditor, deputy clerk of the town council, clerk of the board of control, clerk to the director of public service and clerk to the director of public safety.

Gibbs—Your wife seems to be a contrary sort of woman.

Dibbs—Contrary! Why, whenever I ask her to darn my stockings she knits her brows.—Boston Transcript.

### FREE BOOK

For Every Living Thing on the Farm

Humphreys' Veterinary Specifics.

500 Page Book free, on the Treatment and Care of Horses, Cattle, Sheep, Dogs, Hogs and Poultry, also Stable Chart to hang up, mailed free.

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William and Ann Streets, New York.

Corrected weekly by the Union Grocery Co.

### HILLSBORO MARKET

HILLSBORO, AUG. 21, 1911

Retail Grocers

BUYING PRICES

Wheat, bushel	85
Corn, old	55
Oats	30
Potatoes New	100
White Beans bushel	3
Butter	15
Eggs, dozen	15
Young Chickens	19
Chickens, per lb.	4
Ducks, per lb.	14
Hacon Hams, per lb.	14
Hacon Sides	14
Hacon Shoulders	14
Lard	15
Hay, ton	10

RETAIL PRICES

A Sugar	3 3/4
Granulated Sugar	3 3/4
Refined Sugar	3 3/4
White Beans bushel	3
Butter	15
Eggs, dozen	15
Young Chickens	19
Chickens, per lb.	4
Ducks, per lb.	14
Hacon Hams, per lb.	14
Hacon Sides	14
Hacon Shoulders	14
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Hay, ton	10

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